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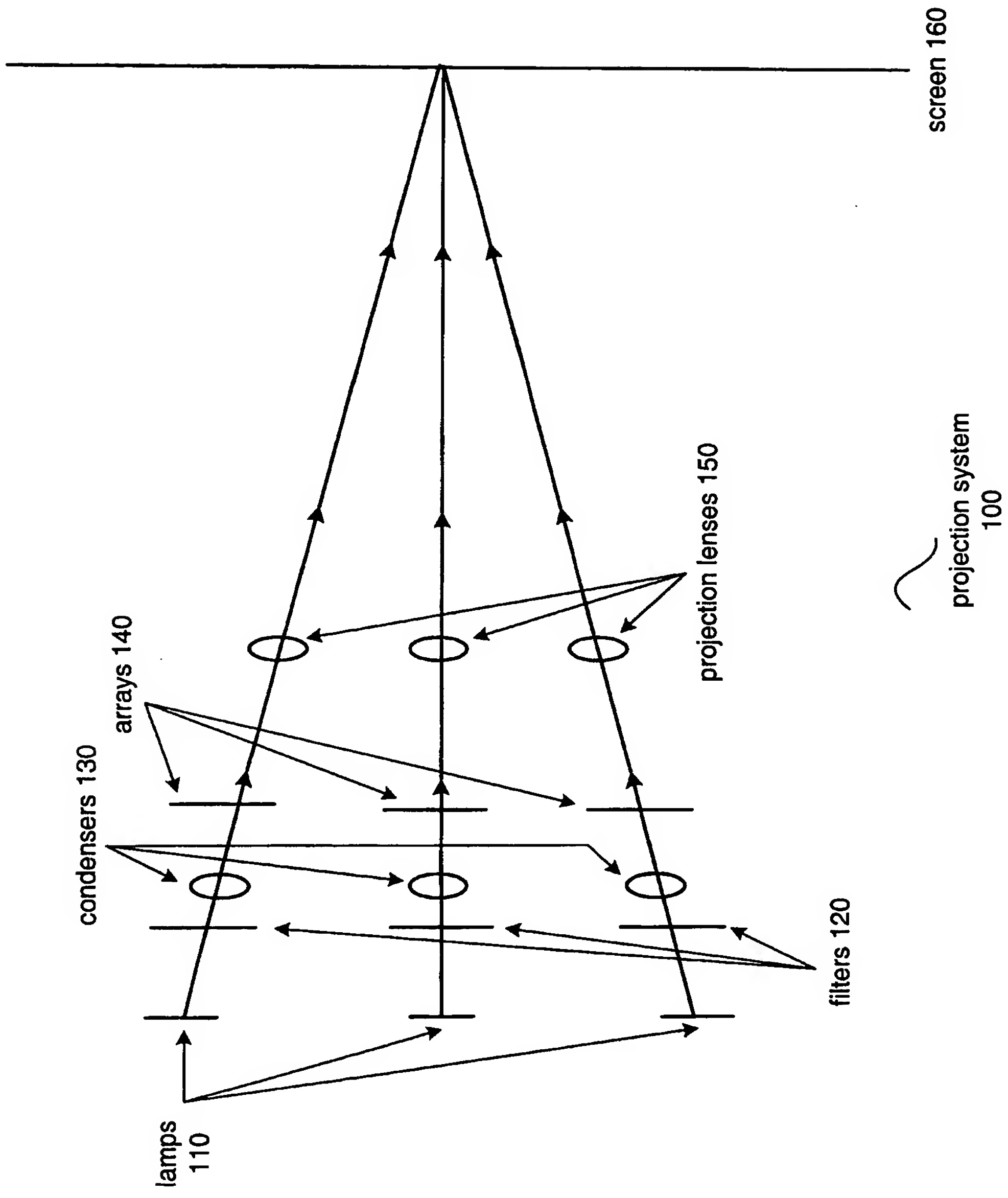


FIG. 1

FIG. 2 is a schematic diagram of a projection system 200. The system includes a lamp 210, filters 220, dichroic mirrors 215, condensers 230, arrays 240, projection lenses 250, and a screen 260. Light from the lamp 210 passes through the filters 220 and is reflected by the dichroic mirrors 215. The light then passes through the condensers 230 and the arrays 240. The light is then focused by the projection lenses 250 onto the screen 260.

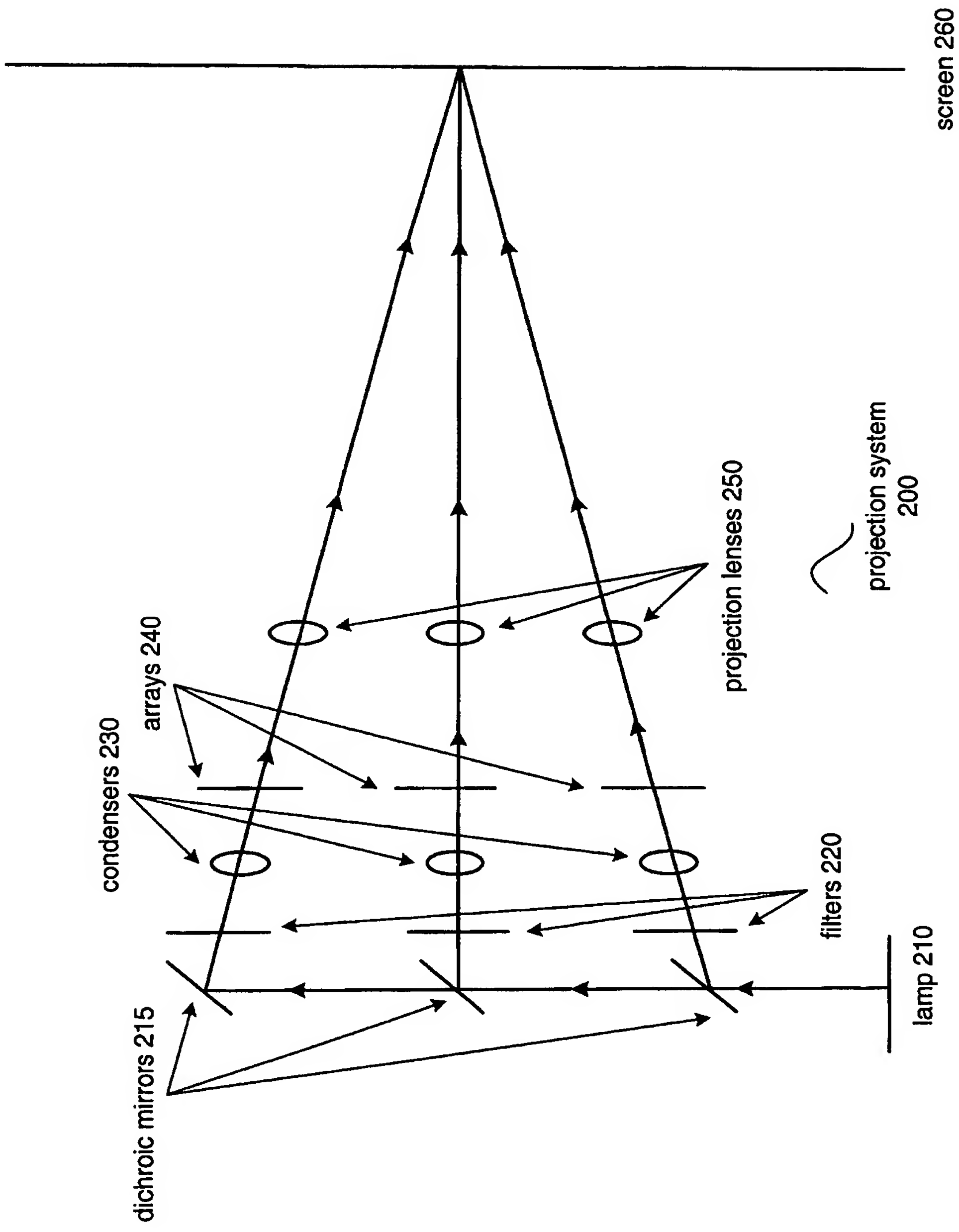


FIG. 2

[illegible]

B	R	G	B	R	G	B	R	G
R	G	B	R	G	B	R	G	B
G	B	R	G	B	R	G	B	R
B	R	G	B	R	G	B	R	G
R	G	B	R	G	B	R	G	B
G	B	R	G	B	R	G	B	R
B	R	G	B	R	G	B	R	G
R	G	B	R	G	B	R	G	B
G	B	R	G	B	R	G	B	R
B	R	G	B	R	G	B	R	G
R	G	B	R	G	B	R	G	B
G	B	R	G	B	R	G	B	R
B	R	G	B	R	G	B	R	G
R	G	B	R	G	B	R	G	B

**FIG. 3**

FIG. 4 is a schematic diagram of a projection system 400. The system includes a lamp 410, a condenser 420, a polarizing cube 470, a field lens 450, a reflecting array 430, a filter mosaic 440, and a projection lens 490. Light from the lamp 410 passes through the condenser 420, the polarizing cube 470, the field lens 450, and the reflecting array 430, and is then projected through the projection lens 490.

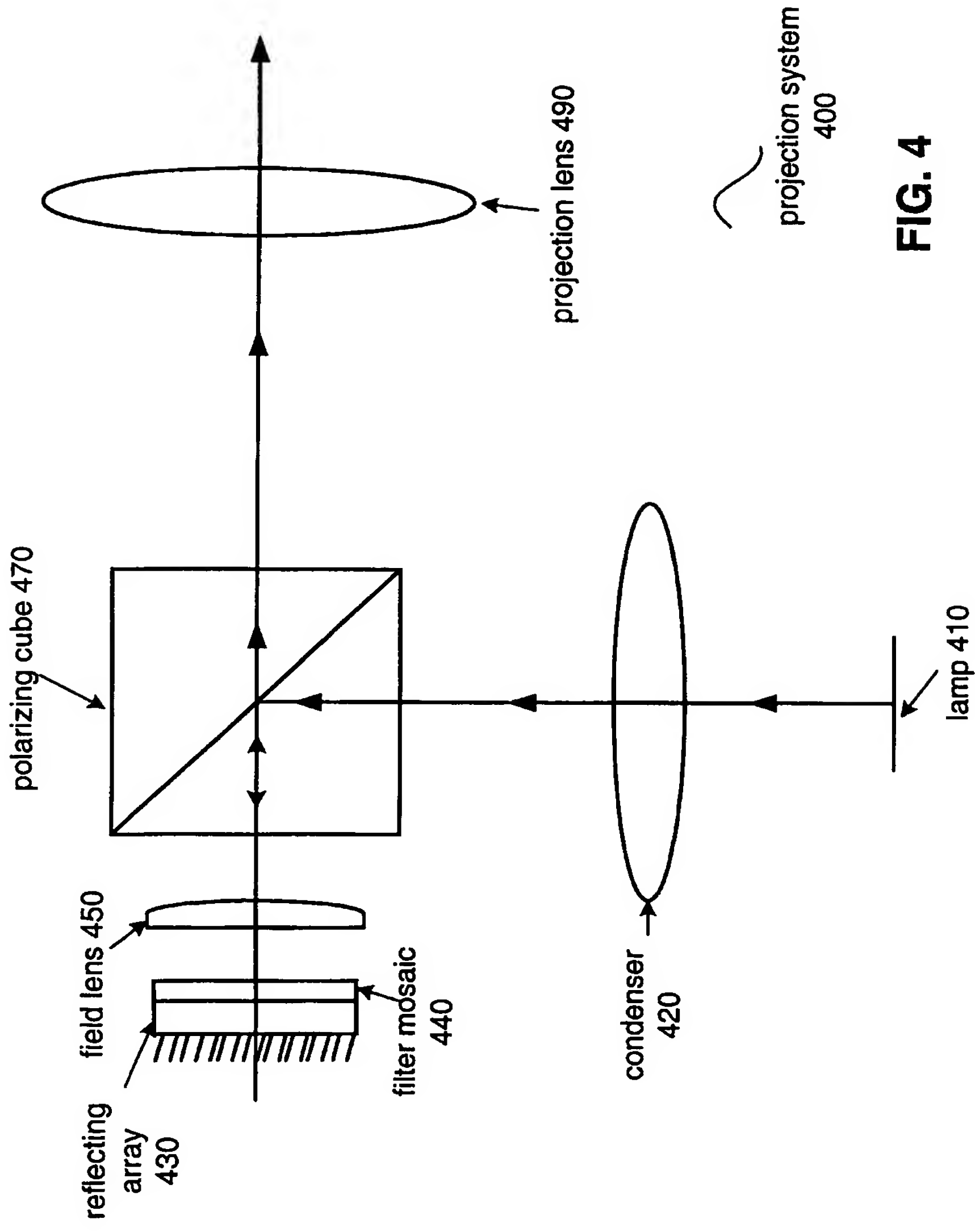


FIG. 4

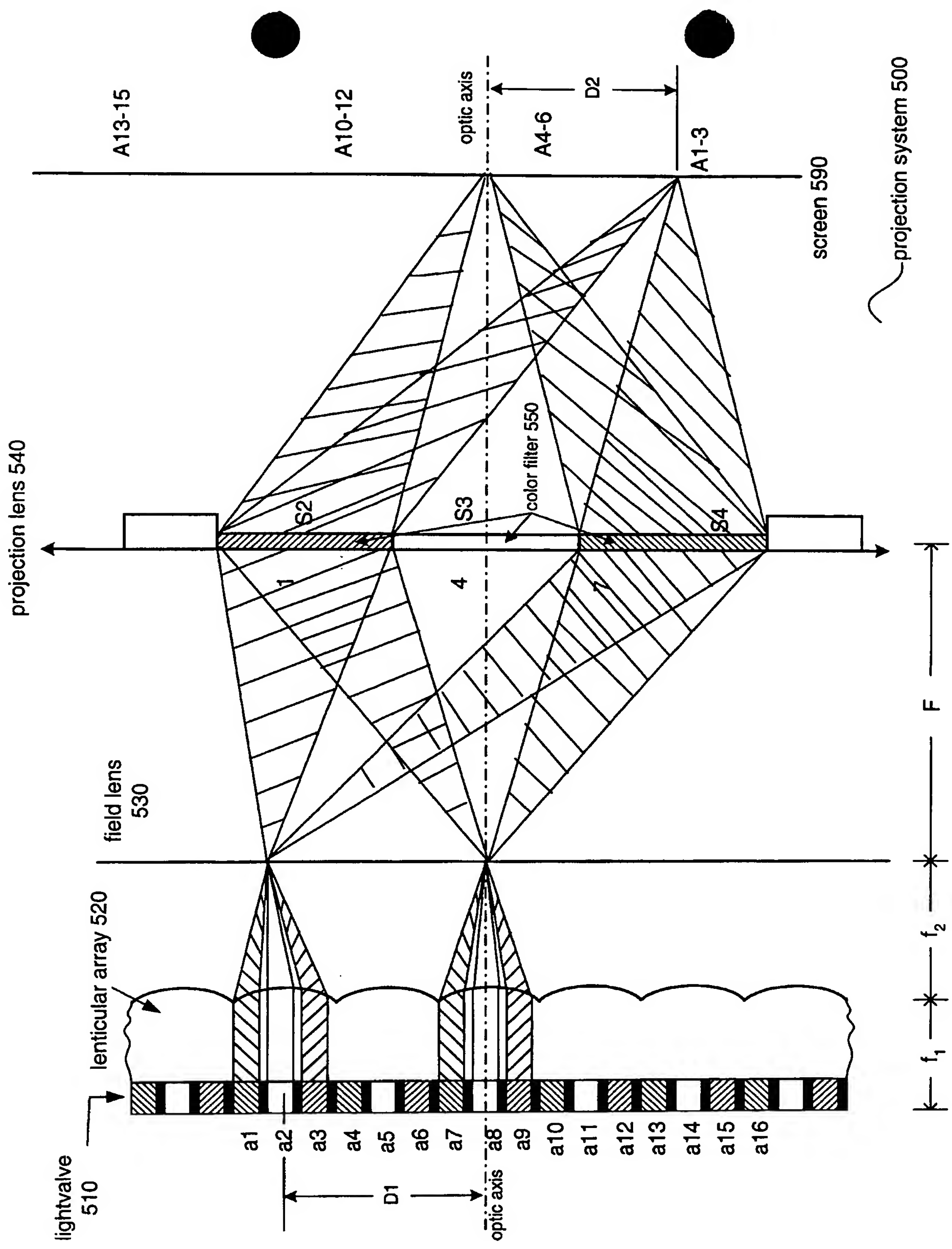
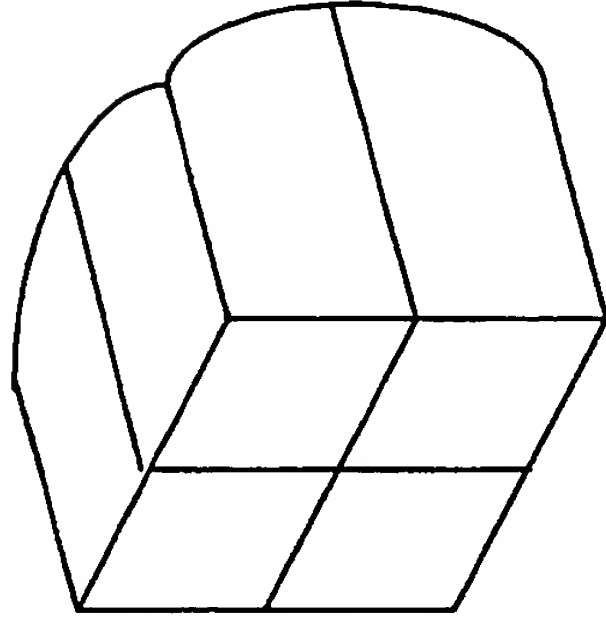


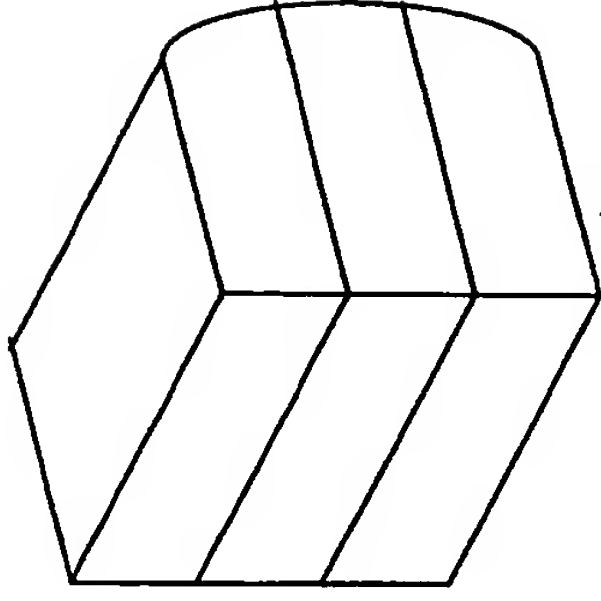
FIG. 5

FIG. 6(a) shows a perspective view of a substrate 600 having a grid of spherical lenses 610. The substrate 600 is a rectangular plate with rounded corners. The grid of lenses 610 is composed of a 3x3 array of lenses. Each lens 610 is a dome-shaped structure with a flat top surface. The lenses are arranged in a regular grid pattern.



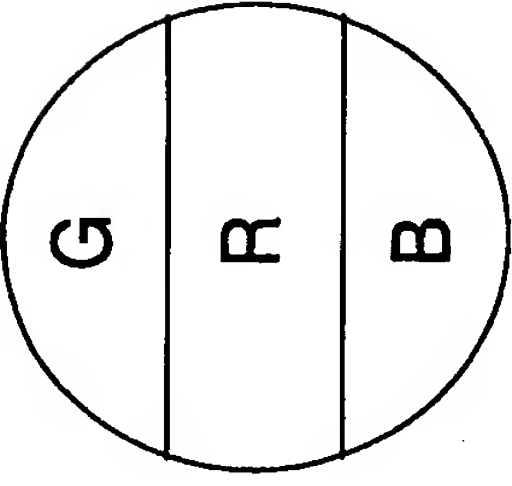
Spherical Lenticules 610

**FIG. 6(a)**

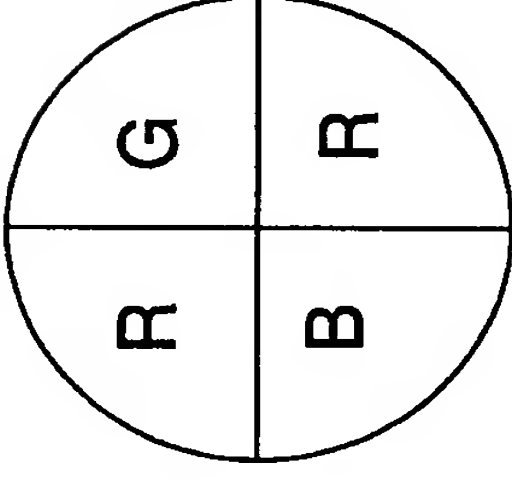


Cylindrical Lenticules 620

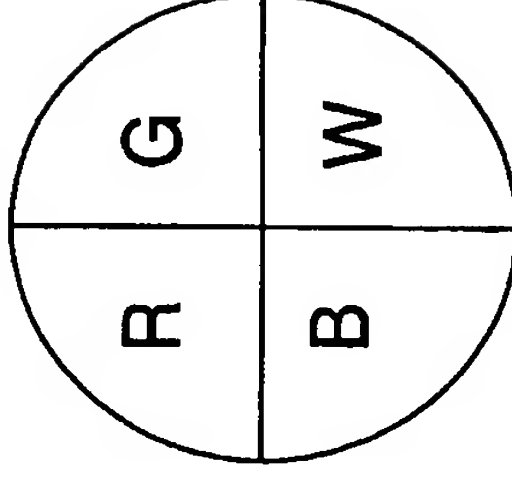
**FIG. 6(b)**



RGB filter 710



RGB filter 720



RGBW filter 730

**FIG. 7(a)**

**FIG. 7(b)**

**FIG. 7(c)**

FIG. 8 is a schematic diagram of a projection system 800. The projection system 800 includes a lamp 810, a condenser 820, a transmitting array 830, a field lens 840, filters 850, and a projection lens 860. Light from the lamp 810 passes through the condenser 820, the transmitting array 830, the field lens 840, the filters 850, and the projection lens 860 to form a projected image.

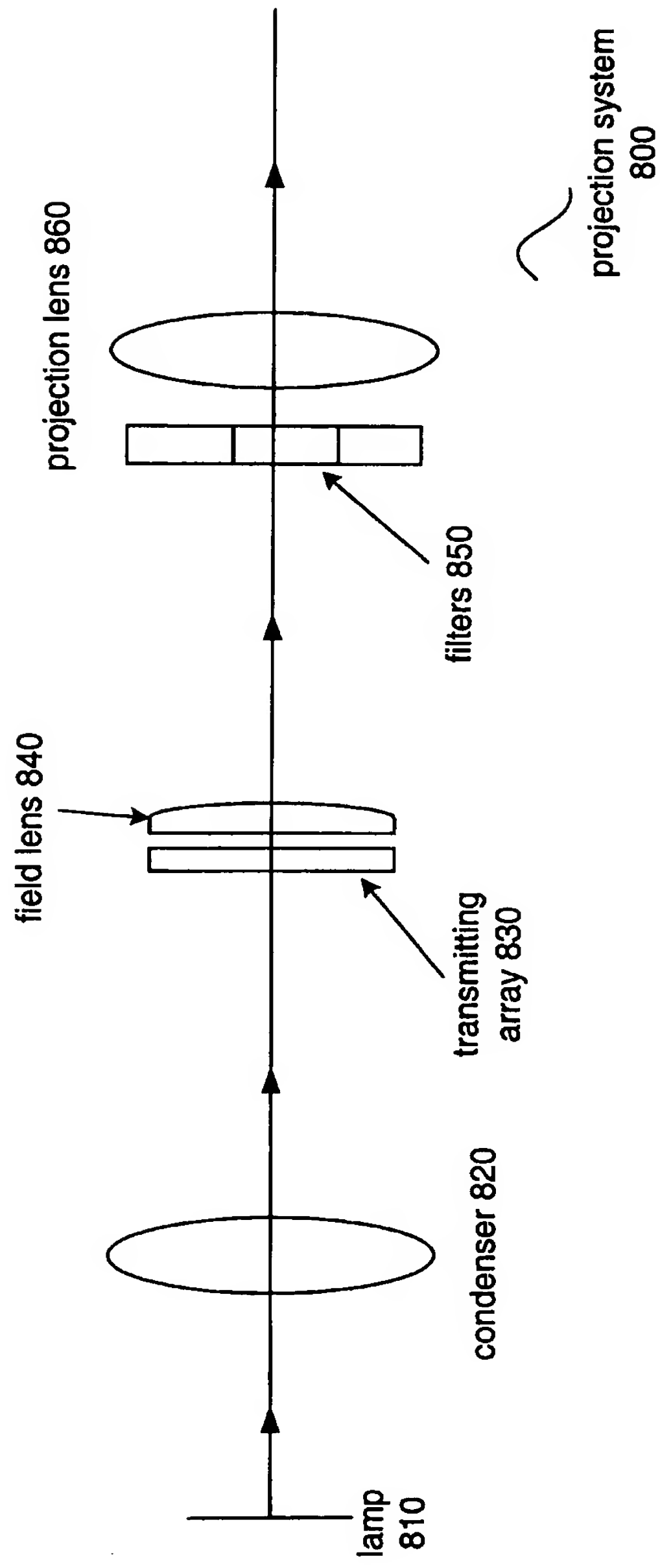


FIG. 8



FIG. 9 is a schematic diagram of a projection system 900. The system includes a lamp 910, a condenser 920, a transmitting array 930, a field lens 940, a filter 950, and a projection lens 960. Light from the lamp 910 passes through the condenser 920, the transmitting array 930, the field lens 940, the filter 950, and the projection lens 960 to form a projected image.

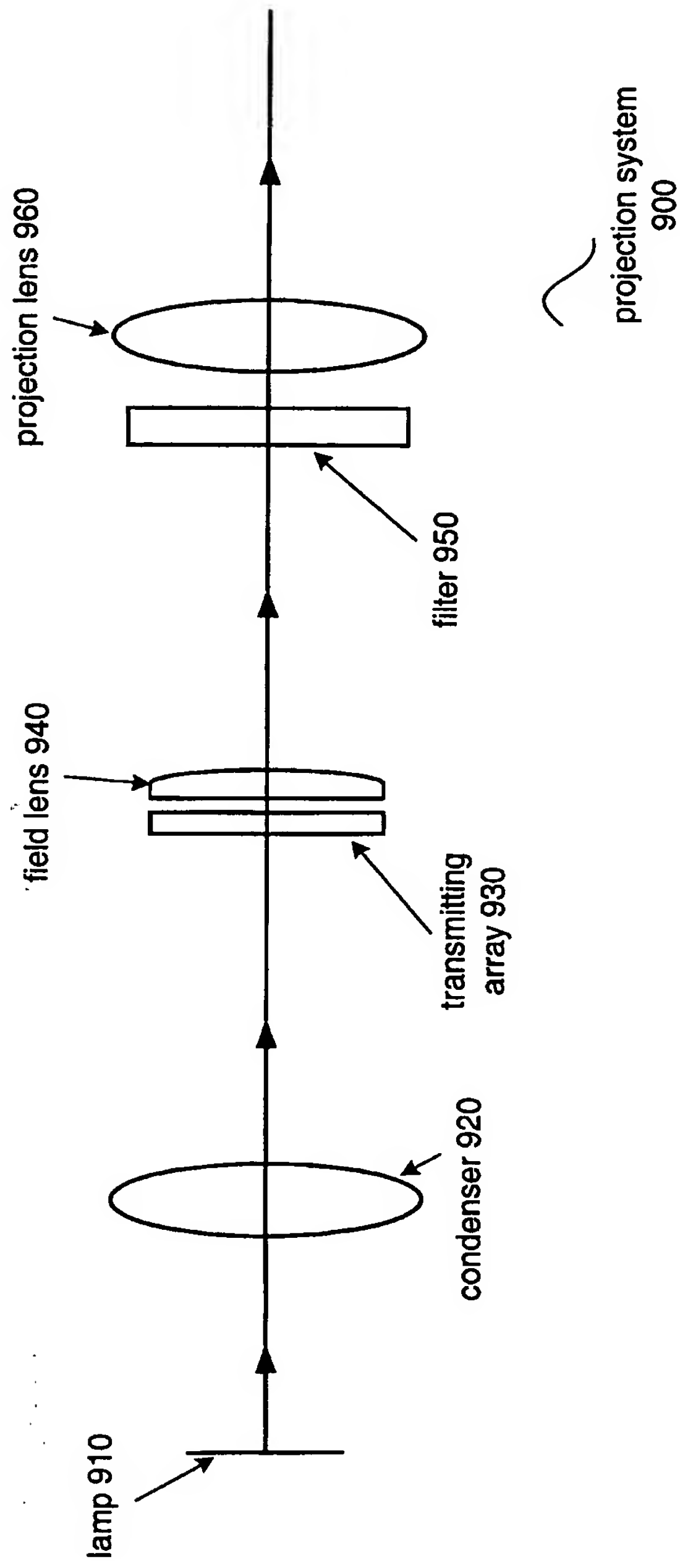


FIG. 9

FIG. 10 is a schematic diagram of a projection system 1000. The system includes a lamp 1010, a condenser 1020, a field lens 1050, a polarizing cube 1060, a lenticular reflecting chrominance array 1030, a transmitting luminance array 1040, filters 1070, and a projection lens 1090. Light from the lamp 1010 passes through the condenser 1020 and the field lens 1050, then through the polarizing cube 1060. The light then passes through the lenticular reflecting chrominance array 1030 and the transmitting luminance array 1040, then through the filters 1070, and finally through the projection lens 1090 to form a projection.

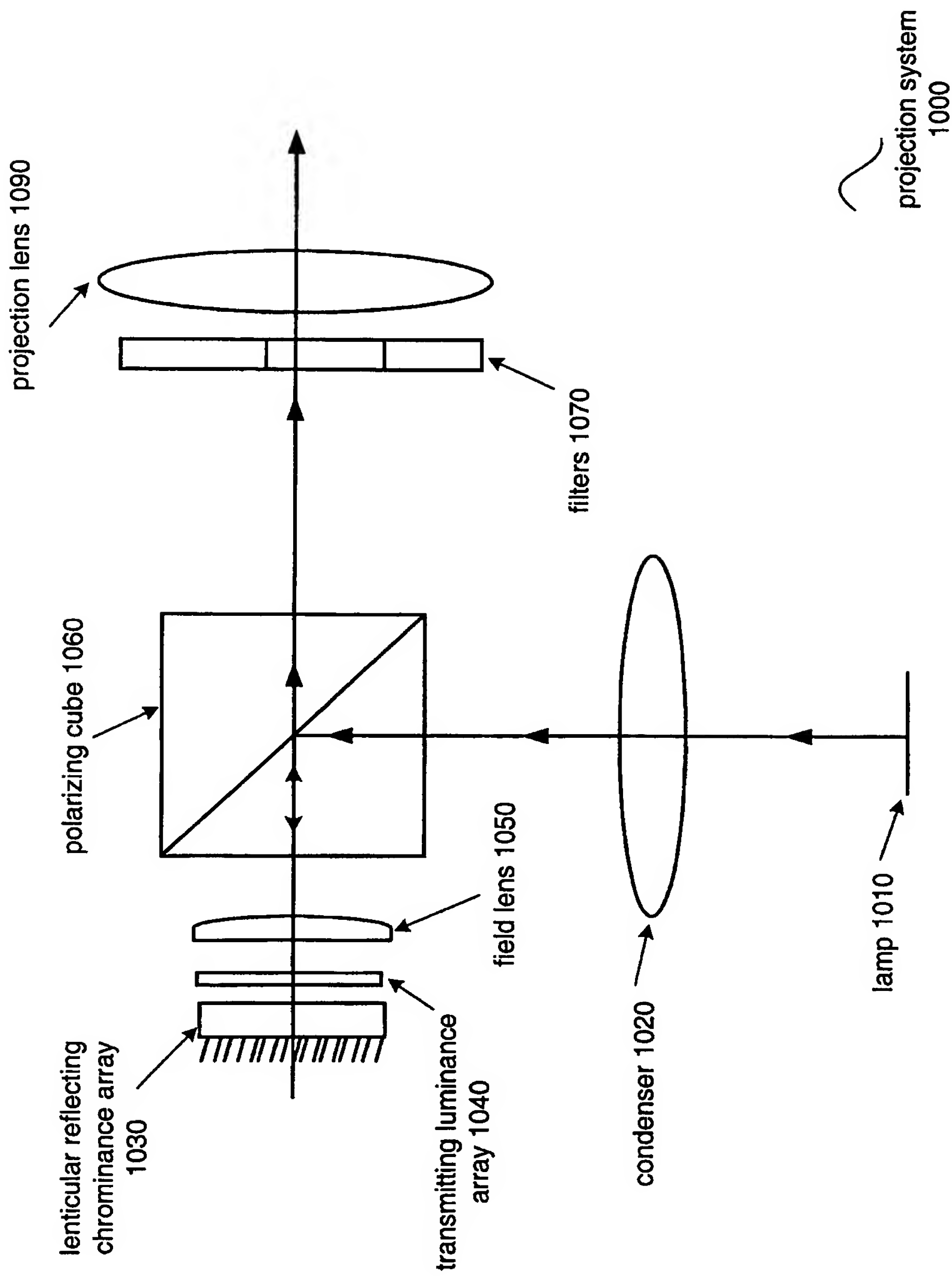


FIG. 10

FIG. 11 is a schematic diagram of a projection system 1100. The system includes a lamp 1110, a condenser 1120, a field lens 1140, a lenticular reflecting array 1130, a chrominance array 1130, a polarizing cube 1150, a filter 1160, a relay lens 1170, a polarizing cube 1175, a reflecting luminance array 1180, and a projection lens 1190. The light path is indicated by arrows.

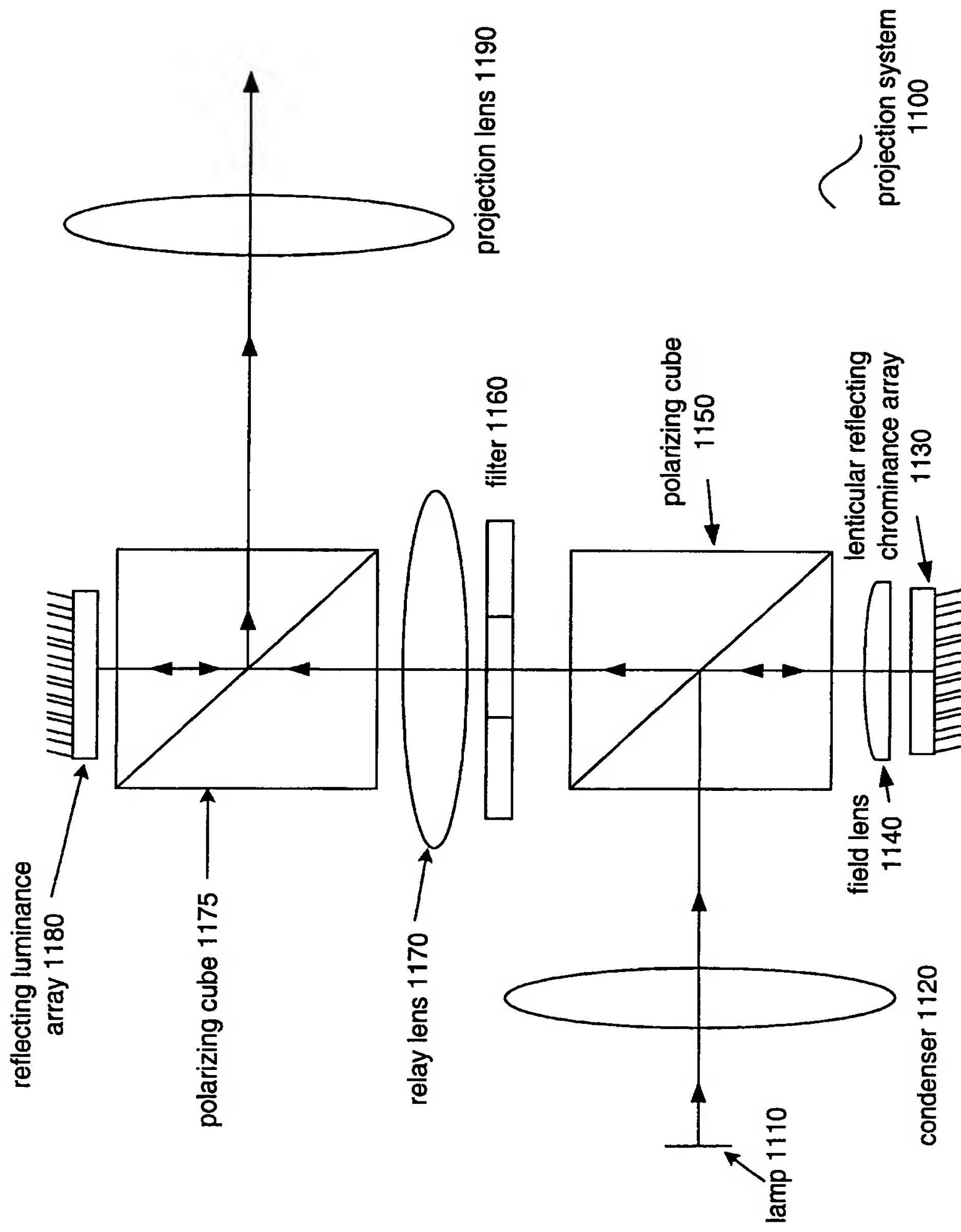


FIG. 11

FIG. 12 is a schematic diagram of a projection system 1200. The system includes a lamp 1210, a condenser 1220, a polarizing cube 1250, a lenticular transmitting array 1230, a filter 1260, a relay lens 1270, a reflecting luminance array 1280, a polarizing cube 1275, and a projection lens 1290. Light from the lamp 1210 passes through the condenser 1220 and the polarizing cube 1250. It then passes through the lenticular transmitting array 1230, the filter 1260, and the relay lens 1270. The light is reflected by the reflecting luminance array 1280 and passes through the polarizing cube 1275 and the projection lens 1290 to form a projected image.

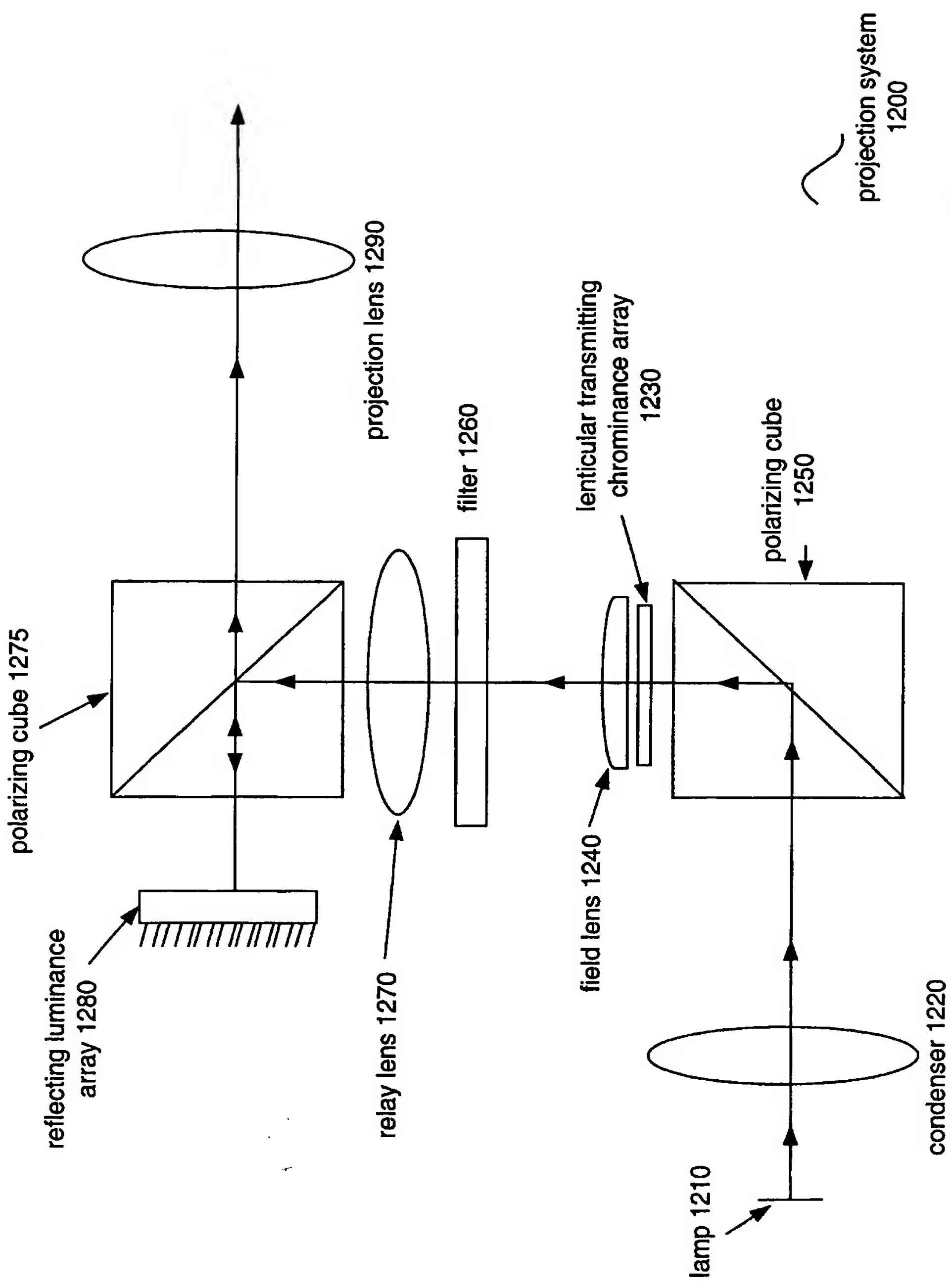


FIG. 12